

Reticulocalbin 1 Human Recombinant

Item Number	rAP-4658
Synonyms	PIG20, RCAL, RCN.
Description	RCN1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 341 amino acids (30-331 a.a.) and having a molecular mass of 40.4kDa (real molecular weight on SDS-PAGE will be shift up). The RCN1 is fused to 39 amino acid His-Tag at N-terminus and purified by proprie-
Uniprot Accesion Number	Q15293
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSELEK PTVRKERVVR PDSELGERPP EDNQS FQYDH EAFLGKEDSK TFDQLTPDES KERLGKIVDR IDNDG DGFVT TEELKTWIKR VQKRY- IFDNV AKVWKDYDRD KDDKISWEEY KQATYGYLLG NPAEFHDSSD HHTFKKMLPR DERRFKAADL NGDLTATREE FTAFLHPEEF EHMKEIVVLE TLEDIDKNGD GFVDQDEYIA DMFSHEENGP EPDWVLSERE QFNEFRDLNK DGKLDKDEIR HWILPQDYDH AQAEARHLVY ESDKNKDEKL TKEEILENWN MFVGSQATNY GEDLTKNHDE L.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	1mg/ml solution containing 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl & 10% glycerol. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**